

Notice of Allowability

Application No.

10/616,081

Examiner

Marc R. Filipczyk

Applicant(s)

EXCOFFIER ET AL.

Art Unit

2163

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment of 8/22/06.
2. ☒ The allowed claim(s) is/are 1, 2, 4-14, 16-23 and 30-38.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


DON WONG
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Art Unit: 2163

Response to Amendment

This Action is responsive to Applicant's amendment filed on August 22, 2006 wherein claims 3, 15 and 24-29 are cancelled, claims 1, 2, 4-14 and 16-23 are pending and new claims 30-38 are submitted, hence claims 1, 2, 4-14, 16-23 and 30-38 are now pending.

Response to Arguments

Applicant's arguments filed on August 22, 2006 along with the amended claims and drawings have been fully considered and are persuasive. The previous rejections are withdrawn.

Priority

Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Drawings

The drawings were received on August 22, 2006. These drawings are acceptable.

Allowable Subject Matter

Claims 1, 2, 4-14, 16-23 and 30-38 are allowable over prior art of record, renumbered as claims 1-30, respectively.

The following is an examiner's statement of reasons for allowance:

Claims 1, 17 and 31 are allowable because the prior art of record or that encountered in searching for the invention, fails to disclose or suggest filtering a plurality of entries organized in

Art Unit: 2163

a tree structure of a directory server comprising virtual attributes and real attributes, wherein a value of the virtual attribute is computed from a value of a real attribute, the real attribute supporting indexing and converting a filter expression in order to match entries, the virtual attribute as defined on page 29 of the Instant Application, as being, "virtual attribute is computed for an entry depending on a condition (or virtual attribute condition) which is derived from real attributes stored elsewhere in the directory server", as claimed in addition to the other claim provisions.

Regarding claims 2, 4-14, 16, 18-23, 30 and 32-38 depend from claims 1, 17 and 31, respectively, and are therefore allowable on the same merits.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The following prior art shows the state of art with respect to filtering systems:

U.S. Patent No. 6,587,856 of Srinivasan et al.

U.S. Patent No. 6,901,410 of Marron et al.

U.S. Patent No. 6,910,183 of Maier et al.

U.S. Patent No. 7,020,662 of Boreham et al.

U.S. Patent No. 7,092,958 of Hempstead et al.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Art Unit: 2163

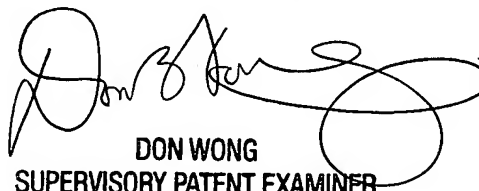
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marc R. Filipczyk whose telephone number is (571) 272-4019.

The examiner can normally be reached on Mon-Fri, 8:30am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on 571-272-1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MF
November 8, 2006


DON WONG
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100